

AP CHEMISTRY SUMMER ASSIGNMENT 2015

AP Chemistry Students:

You have chosen to undertake a worthwhile yet challenging course in Advanced Placement (AP) Chemistry. AP Chemistry is designed to be the equivalent of a first year college level General Chemistry course. As such, the course is

suitable only for students who exhibit high levels of commitment, motivation, and academic maturity. In order to “hit the ground running” and cover all of the material by the time the AP exam is given, you will need to complete an assignment during the summer months, which will be submitted for an initial “triple homework assignment”.

1) Read and complete SSS (section summary sheets) for chapters 1(all), 2(all) and Chapters 3 (Sections 3.1 –3.4 only) in the Brown and LeMay Chemistry textbook you received during step-up day. Note that SSS’s can be obtained from catchem.wikispaces.com

2) Complete the following problems, SHOW ALL YOUR WORK, and turn it into the GHS main office, email it or “snail mail” it by Friday, August 21 , 2015. Note that I care more about showing work on problems than I do about the final answers.

From Chapter 1 (beg p 31) Problems 9.10,11,12, 13, 14, 17,18, 19, 27, 28, 37, 38, 46, 47, 50

From Chapter 2: (beg p 70) Problems 1,2,3,4,5,11, 17, 18, 19, 20,25, 27, 35, 39, 41, 42, 49, 52, 53, 54, 56, 59, 61, 62, 64, 65, 69, 70, 71, 72

From Chapter 3 (Sections 3-1 through 3-4 only): (beg p 111) Problems 11, 17, 27, 28, 31,32, 33

The answers to the odd numbered problems (red problems) are in the back of your textbook. You are encouraged to use them as a reference to ensure that you are completing the problems correctly. If questions come up and you can’t figure them out, you may find it helpful to use one of the many online websites dedicated to AP chemistry. I especially like Bozemanscience.com as a site for concise explanations of topics.

Enjoy your summer!